

**Notice of Allowability**

Application No.

09/456,997

Examiner

Thu Ha T. Nguyen

Applicant(s)

TSUKADA, TSUNEHIRO

Art Unit

2155

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed on September 25, 2006.
2. ☒ The allowed claim(s) is/are 1-3 and 5-7.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

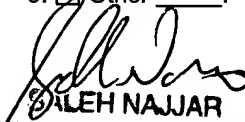
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
SALEH NAJJAR  
SUPERVISORY PATENT EXAMINER

### Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Applicants' Representative, Leonard P. Diana (Reg. No. 29,296), on September 28, 2006.

3. The application has been amended as follow:

In the claims:

4. Claims 1-3 and 5-7 are amended as following:

~~Claim 1~~ 1. (currently amended): A data processing method for providing data to a ~~terminal~~ client from a server via a network, the method comprising:

an issuing step for issuing a request for data loading from ~~the terminal~~ said client to the server in response to an instruction by a user;

a completion discrimination step of the server discriminating, in response to the request for data loading, whether a generation of requested data has completed or is in progress;

a first transmission step of transmitting from the server to ~~the terminal~~ said client the requested data if the generation thereof has completed;

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a prediction step of the server predicting an end time of the generation of the requested data if the generation thereof is in progress;

a second transmission step of transmitting the predicted end time and information for requesting data loading again at the predicted end time from the server to ~~the terminal~~ said client if the generation of the requested data is in progress;

a display step of the client displaying the requested data or the predicted end time received from the server; and

a re-issuing step of, in a case where ~~the~~ a received data includes the information for re-issuing the request for data loading at the predicted end time, re-issuing the request for data loading from ~~the terminal~~ said client to the server without a further instruction by the user when the predicted end time is reached.

~~Claim 2~~ 2. (currently amended): A The data processing method according to claim 1, wherein said prediction step predicts includes predicting the end time based on an amount of data to be generated.

~~Claim 3~~ 3. (currently amended): A The data processing method according to claim 1, wherein the requested data is generated by execution of a predetermined process, and said prediction step predicts includes predicting the end time based on a time required for executing the predetermined process.

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~~Claim 5~~ 5 (currently amended): A data processing system comprising a server and a client, and in which said server provides data to said client via a network, wherein said server comprises:

first reception means for receiving a request for data loading from ~~the terminal~~ said client;

completion discrimination means for discriminating, in response to the request for data loading, whether a generation of requested data has completed or is in progress;

first transmission means for transmitting to ~~the terminal~~ said client the requested data if the generation thereof has completed;

a prediction means for predicting an end time of the generation of the requested data if the generation thereof is in progress; and

second transmission means for transmitting the predicted end time and information for requesting data loading again at the predicted end time to ~~the terminal~~ said client if the generation of the requested data is in progress,

and wherein said client comprises:

issuing means for issuing the request for data loading to the server in response to an instruction by a user;

second reception means for receiving from the server either requested data or the predicted end time together with ~~the~~ information for re-issuing the request for data loading at the predicted end time; and

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control means for, in a case where ~~the~~ a received data includes the information for re-issuing the request for data loading at the predicted end time, controlling said issuing means as to re-issue the request for data loading from ~~the terminal~~ said client to the server without a further instruction by the user when the predicted end time is reached.

~~Claim 6~~ 6. (currently amended): A The data processing apparatus system according to claim 5, wherein said prediction means predicts the end time based on an amount of data to be generated.

Claim 7 (currently amended): A The data processing system according to claim 5, wherein the requested data is generated by execution of a predetermined process, and said prediction means predicts the end time based on a time required for executing the predetermined process.

### **Reasons for Allowance**

5. Claims 1-3 and 5-7 are allowed.

6. The following is an examiner's statement of reasons for allowance:

The examiner has found that the prior art of record does no appear to teach or suggest or render obvious the claimed limitations in combination with the specific added limitations as recited in independent claims 1 and 5 and subsequent dependent claims

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2-3 and 6-7. The prior art of record fails to teach or suggest a method and system for providing data to a client from a server via a network wherein the server discriminates a request for data loading received from the client, whether a generation of requested data has completed or is in progress; if the generation of the requested data is completed, the server transmits the requested data; if the generation of the requested data is in process, the server predicts an end time of the generation of the requested data and sends the predicted end time and information for requesting data loading again if the generation of the requested data is in progress; re-issuing, when a received data includes the information for re-issuing the request for data loading at the predicted end time, re-issuing the request for data loading from the client to the server without a further instruction by the user when the predicted end time is reached (see communication dated September 25, 2006 and specification page 9, line 7-page 10, line 5).

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (703) 305-7447. The examiner can normally be reached Monday through Friday from 8:00 AM to 6:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Najjar Saleh, can be reached at (571) 272-4006.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

The fax phone numbers for the organization where this application or proceeding is assigned are (571) 273-8300 for regular communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ThuHa Nguyen

Patent Examiner  
September 29, 2006

  
SALEH NAJJAR  
SUPERVISORY PATENT EXAMINER